

## ABSTRACT OF THE DISCLOSURE

A back light module and a LCD comprising the same are provided. The back light module includes a frame, a reflector, at least a light source, a diffusion plate, and a plurality of optical films. The reflector is disposed on the bottom of the frame, and the light source is disposed over the reflector and also in the frame. The diffusion plate is disposed on the frame, and also over the light source, and its thickness is between 4.1 mm and 15 mm. The optical films are disposed on the diffusion plate. Since the thickness of the diffusion plate in the back light module is thicker, the issues of the deformation of the diffusion plate occurring in the conventional large size LCD can be resolved.